

APPENDIX A: DNA SEQUENCES

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>RXA00014-upstream

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>RXA00196-downstream
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>RXA00202-upstream
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>RXA00202
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>RXA00206
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>RXA00224

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>RXA00225-upstream

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>RXA00225

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>RXA00225-downstream

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>RXA00235-upstream

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>RXA00235

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>RXA00246
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>RXA00246-downstream
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>RXA00251
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>RXA00268-upstream

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>RXA00268

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>RXA00268-downstream

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>RXA00288-upstream

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>RXA00288

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>RXA00288-downstream

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>RXA00290-upstream

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>RXA00290

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>RXA00293-upstream

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>RXA00293

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>RXA00293-downstream

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>RXA00296

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>RXA00310
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>RXA00310-downstream
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>RXA00317-upstream
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>RXA00317

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>RXA00327-upstream

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>RXA00327

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>RXA00328-upstream

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>RXA00328

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>RXA00329-upstream

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>RXA00329

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>RXA00379
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>RXA00381
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>RXA00386
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>RXA00406
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>RXA00427

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>RXA00427-downstream

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>RXA00483-upstream

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>RXA00483

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>RXA00511

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>RXA00517
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>RXA00521
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>RXA01049-upstream

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>RXA01193

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>RXA01216-downstream
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>RXA01225
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>RXA01227
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>RXA01242-upstream
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>RXA01242

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>RXA01243-upstream

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>RXA01243

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>RXA01259-upstream

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>RXA01259

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>RXA01262
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>RXA01312
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>RXA01325
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>RXA01332
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>RXA01373
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>RXA01377

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>RXA01392-upstream

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>RXA01392

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>RXA01632
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>RXA01695
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>RXA01745
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>RXA01758
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>RXA01814
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>RXA01839-upstream
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>RXA01839
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>RXA01851
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>RXA01865
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>RXA02404
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>RXA02480

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>RXA02694-upstream

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>RXA02853-upstream

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>RXA02853

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>RXN00013

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RXN00427-upstream
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>RXN03076-upstream

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>RXN03076

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>RXN03076-downstream
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>RXN03083-upstream
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>RXN03083
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>RXN03083-downstream
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>RXN03086
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>RXN03087-upstream

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>RXN03087

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>RXN03087-downstream

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>RXN03096-upstream

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>RXN03096

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>RXN03101

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>RXN03112-upstream

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>RXN03112

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>RXN03117-upstream

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>RXN03117

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>RXN03117-downstream

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>RXN03144

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>RXN03144-downstream

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>RXN03150-upstream

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>RXN03150

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>RXN03150-downstream
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>RXN03179
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>RXN03180
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>RXN03180-downstream
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>RXN03186-upstream
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>RXN03186
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>RXN03187
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>RXN03187-downstream
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>RXS00584 - 5'-Region
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>RXS00584 - coding Region

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>RXS00584 - 3'-Region

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>RXS01260 - 5'-Region

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>RXS01260 - coding Region

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>RXS01260 - 3'-Region

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>RXS01261 - 5'-Region

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>RXS01261 - coding Region

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>RXS01261 - 3'-Region
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>RXS01758 - 5'-Region
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>RXS01758 - coding Region
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>RXS01758 - 3'-Region
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>RXS02574 - 5'-Region
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>RXS02574 - coding Region
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>RXS02574 - 3'-Region
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>RXS02735 - 5'-Region
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CTGGAACCGTCTAAGGAGAAATACAACACT

>RXS02735 - coding Region
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GTTGTTGAAGCAGCAACTGCCAATAATGGCACCGCACAGGTAGTGCTCACCGGTGGTGGCGCCGGCATC
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CGCGCTTACGAAGCTGTGTTGGATGAATTGCGACCAAACGGCTTTGATCTTACCTGCTCGGCATGGGT
GGCGAAGGCCATATCAACTCCCTGTTCCCTCACACCGATGCACTCAAGGAATCCTCCGCAAAGGTCATC
GCGGTGTTTGATTCCCTTAAGCCTCCTTCAGAGCGTGCAACTCTAACCCCTTCTGCGGTTCACTCCGCA
AAGCGCGTGTGGTTGCTGGTTTCTGGTGCGGAGAAGGCTGAGGCAGCTGCGGCGATCGTCAACGGTGAG
CCTGCTGTTGAGTGGCCTGCTGCTGGAGCTACCGGATCTGAGGAAACGGTATTGTTCTTGGCTGATGAT
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>RXS02735 - 3'-Region
TAAGCAGCGCCAGCTCTAACAAG

>RXS03215 - coding Region
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CTGGCAGATGTGGGAAGCCACCTCACCTACCTGGCAGAATTCGTTGCAGGATCTGACTTCGCGCCCGTC
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CAGGCGCGCGCATTCTCGAAGAAATCGCAGGAATCTCCGAAGCTGAAAGCCTGCCACGCTGCGCAACT
TTGGAAGAAGGGCTACACAATATGCAGCTCATTGATGCTGTATCACAGTCAGCTGCAGCAGGTGGCGAA
ACCGTTGCGGTCCCAGCGGCTGCTCTGATCCCTGCAAACAAC
RXS03215 - 3'-Region
TAGAAACTATTAGAAAGCATCACCATGAA

>RXS03224 - 5'-Region
ACGATTGTGCTGTGTTTTGCGTTGGTGAATAGTTCTGGACCGGGTATTTTGCGGCGCACATGGAAGTCA
TTGAACGCCGCGCCCGGCTAAGGTGGGAGGC

>RXS03224 - coding Region
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GAGGTGTCTGTTGCGATCCTTGATGGCGAGAAGGTGCTGTTTCAGTACAGCGCT

>RXS03224 - 3'-Region
TAGTTGTGCGTTCAAGGGTAGGGGAACAAA

>RXC00233 - 5'-Region

CGCCTCCAGCAGTTGAGGGAGAAGTTCCAACACTTGCACCAACTGAGGAAGCAACTGTGCAATAGCGCT
TTAGACACAGACTCATGACAGAATAGAAGAC

>RXC00233 - coding Region

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ACCCCATTTCCAACCCTGTACTACTTGACAGATCCACGCCTGACCACCGAGGCATCCCGCTCGAGGTC
GCATTGGTAATGAAGTGGATGACTGATCGCCTTCCACCGACGAAGAGCTTCGTGCCGACTACCAGCGC
GCCACGAGCACTTCTGGCAAAGCGCAACGCAATTGAAGATCTCGGCACGGATTTTTCCGGCGGTGGC
ATGCCTGACCGAGTGAAGTGCCTTCACGTCCTCATTGACTATGCACTGGCAGAAGGCCACACCATTTCT
CTT

>RXC00236 - 5'-Region

AATGCGAGAGTTCTAAAACGAGCCGGTAACATCGACCCCCATGAGTTCAGGGGTTAGAAAAGCAATGGG
ATTTGGATGCGGTTTCGGTTTTGGCCGTCATC

>RXC00236 - coding Region

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TCCCTGGATGAAAATGGAGTTGCAACCCCTCCAATCATCGGCGTTCACCTTGATGGTTACCCGGGTTT
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AACCAAATTGATGACGCAGCATTGAGTGCCGCAAACCTGTTGTGTTCCAACGATCGTGACTTGTCCACT
CCTGAAGGATGGACCGCAGCTGTTCAATCTTACAACATGTCTAATCAGTATTTGATGGACGTTTCGAGAT
GCTGCCGCGTCTACGCTTTACGACAGCCGGCGATC

>RXC00236 - 3'-Region

TAAAACTTAACAAGCGCAACCCC

>RXC00271 - 5'-Region

TAGTTTAAATCATGAGACATTTACATATGGTTCTTTATCCGAGACATGTGTTGACGCTGTCTGCCCCCT
TTTTGAAAATAACACTTTAAGGAGATGTGCC

>RXC00271 - coding Region

ATGTTTTCTTCCCGTTCGAAGGTACTCGCAAGCATCTTTACTGTTGGCGCCTTGGCGTTGGCTTCGTGC
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AACCAGCTTGTTGACACCCCTGCACCTGATGCGAGCGACCACTGGTTTCAAGGAAGCTTTTGAAGAGGCA
GGCGTTGACGTACCTTTGATGAGCAAAACGCTAACGGCGAGCAGGGCACTGCACTGACTATTTCTCAG
CAGTTCGCTTCTGACAATTTGGATCTCGTGTTGGCTGTTGCAACTCCAGCAGCACAGGCAACTGCGCAG
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GTGCAGGTGATGAGGTACCAAGGCTGCTGAGCCACTGGGGCTGTCCGTTAATACTCAGACTGTCACT
ACCGTGAACGAGATTACGAGGCTGTTGAAGCTCTCGGCGATGTTGATGTATCTACGTTCCAACCTGAC
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GCAACTGAGTTCACCTACGTGATCAACGAAGATGCAGCAGAGCGCCAGGGCGTGGAGATCCCTCAAGAG
ATTTTGGATAAGGCCGAACGCGTA

>RXC00271 - 3'-Region

TGATCGGCGCTTTTGAGTTTCGGA

>RXC00338 - 5'-Region

TCTTAGAAGGCGTAGTCACACCATTAACCTTGCCAGAATTTTTCAAGGCTTGGCTAGACTTGGGAAACG
AACATGCGGTACCAACCAGGGGAGTTAATGC

>RXC00338 - coding Region

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 AGCTGGGACAAAGTGGGGCTGATCTGCGGTGATCCAACAGAGTCGGTGAAGCGTGTCGGTTTAGCACTC
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 CGCGCGGGGTGGCACTGTTTTCCGCGCACACTAATGCGGATTCCGCGCGCCAGGTGTCAACGATAAA
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 GCGATCGGCGACTACCGAGAGTGTGCCTTTGAGATCGAAGGAACCGGGCAGTTTAGGCCCGTGGAGGGG
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 GATGAATATCTCCGAGAAGGTGGCCCTGCAGTAATCGATACTGCACACTGGGCCAGCGAATTTCCATGG
 ACTTCCCAAGCCCAAGAAATTTTGAGGACAAAGCCCCACAGGTTGAAGTTGATGTGATTTTCGATCCGC
 ACAGACCCCTGGACCATGTCTGCGCGAGCAGTGAAC

>RXC00338 - 3'-Region
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>RXC00362 - 5'-Region
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 CGTTTTTTTCGGTCACTTAAAGGAGGCGCTT

>RXC00362 - coding Region
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 CTTTCGAGGTGGCGCAGGTTATGTTTCCACTCTTGATCTGCGCTCATTGGACTCATCGCTGGATCAACG
 GCTGGAAGTCCGCGACGGTTGGCTCAGTGACGATCCCTTGGATGAAAAAGACGGGATGGACTGCTGAA
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 GGAATGGGATTCTTACCAGTGATTGTTTCTACGGGT

>RXC00362 - 3'-Region
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>RXC00412 - 5'-Region
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 CCCGACTTTTGTACGAATCGAGGACACCGTC

>RXC00412 - coding Region
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 CTTTTGCTTGCCGACGAAGCCACCTCCGCTTTGGACCCAGAAACCACCCATGAAGTTCTGGAGCTGCTG
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 ATCGCAGACAAGGTTGCTGTGATGGAATCCGGCAAAGTTGTGGAATACGGCAGCGTCTACGAGGTGTTT
 TCCAATCCACAAACACAGGTTGCTCAAAAGTTCTGGCCACCGCGCTGCGTAACACCCAGACCAAGTG
 GAATCGGAAGATCTGCTTAGCCATGAGGGACGTCTGTTACCATTTGATCTGACTGAAACGTCCGGCTTC
 TTTGCAGCAACCGCTCGTGTGCTGCCGAACAAGGTGCTTTTGTCAACATCGTTACGGTGGCGTGACCACC
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>RXC00412 - 3'-Region
 TGAACGAGATGATCCTCGCAGCT

>RXC00526 - 5'-Region
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 CAAGCAAACCGTGGGCCAGGTGATTTAGCCT

>RXC00526 - coding Region
 ATGAGCCTCATCGAAATGCGAAATATTGTCAAGACCTACAACATTGGATCTGAAGGTGAACTCACCGTG
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 GCTGATGAATCTGATCGGGTGGTCACCATGGTTGACGGGCGCATATTGGGTCTGAGGTGAAACACTCA

>RXC00526 - 3'-Region
 TGAGCCTTGCAGAATCAATTCTT

>RXC01004 - 5'-Region
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 TCACCCATGAAGAAGCAAAGGAGTACGAAAA

>RXC01004 - coding Region
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 GAAAAGTTCTCTACGCAACCGAGCACCTCTCCATCATGTTGGCGGGCGCTCAGTTCGGTATTACGGTC
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 GCCGACGGCCTCATGGATGACGTCTTGGATTTTATGCACTACCGCTCCGCGCACATGGCTCAGGTTTCGC
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 GATTGGACTCACGAAAGCTCCGACGAC

>RXC01004 - 3'-Region
 TAGAAATAGTAAGTGTGTTGGAC

>RXC01017 - 5'-Region
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 TGCTAGAAAACCTTTAAGAAAGAGGAAATAAT

>RXC01017 - coding Region

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GGCCGTGATCTCCAGAGGATTACAAGGAGCGCATGAAGGCTGCATGGGGACCAGCACGCGTTTTCGCA
GCTGTCGCCACCGACCATGCTGACAAGCTCGGCGACCTGTACACCGCAATGGGTACCCGCATCCACAAC
GACGGTCGCGGACCAATCGAAGGTTCTTCAATGATGTCATCGCAGAGGCACTTGAAGAGGTGCGCCTA
GACGCTGCACTTGGTGAAGTTGCAGACACCACCGAATGGGACGACGCACTTCGCGCATTCACCAGACC
GCAATGGACGAGGTGCGCAACGATGTCGGAACCCAGTGGTCAAGCTCGGCGACACCGCTTTCTTCGGC
CCAGTGCCTACCCGCATCCACGCGGCGAGGAAGCAGGAGAGATCTTCGACGCTTCCTTCAAGCTCGCA
AGCTATCCCCACTTCTTTGAAATCAAGCGCAGCCGCACTGAGAACCCACAGTTCGAC

>RXC01017 - 3'-Region

TAATTAACGCTGTCTCTGCTTAT

>RXC01021 - 5'-Region

CGAGAGGCTTTTTTGGCTCTAAGCCTTTTAGTCGTGCGAACGAAATCTTAAGCAGCCTCGGTGCCACCG
AGATCGATTGGTCGCTGTAAGGTATCTGATT

>RXC01021 - coding Region

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GCTGATTCAACGGGGCTCCTGCGGCAGCTTCCAAGGAAGCTTCCAACAATGGACGCTGCCGGAGTT
CTTGAGTGGGCCAGGACCGCTGTCGAGCAGCTTTCTGAACGTCGTGCAGAGATCAATGCACTGAATGTC
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CTGAAACTGGGGGAGTTGGGTGATGTCGCAAGGATTACTGAGGCTTTGGCTGTTGGTTCTGTGCGTGGA
GCCCGAGGAAATTCTGGAGTAGTCCTTAGTCAGGTCTTCGCGCTATTGCTCAGGCAGCTGCTGACGGG
GTTATTGATGGCCACACAATCCAAGAAGCGCTATCCATTGCTCGCTCCCTAGTTGATCGCGCAATTACA
GATCCTGTGGAGGGCACTGTTGTCACTGTGTTGCGTTCT

>RXC01212 - 5'-Region

TTTAGAAGCCACATGACATATGTCATGAAAATTATGTGCAAAGTGCAGTAATACTCCTGACATATGGCT
CTACCAGCGCCAATGCGAAGTAGGAAGAATT

>RXC01212 - coding Region

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GGGATCGCGCTGGAAGGCTTCGCTGCAAAACCCGCCACCTTGAATCCGTATTATGGACATCGCCTCA
CTCGAGAACACCTCGCTGCAAACCGCC

>RXC01212 - 3'-Region

TAGAATCTTTAAGGAGACCACAA

>RXC01306 - 5'-Region

TGTTTTAGAGGTAGAGCGAAACGTGCCTGTAAAACTGGCGCTCGCTGTGCTCGAAGACCACCCAGACAA
TCACCCCGCTCCGAAGGAGAATCGCTAAGCC

>RXC01306 - coding Region

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ATTGAGTTCGCTTTGCTTGCAGCTAGGCGGAACCGGTTAGAGGAGACTGTGGAAACCTCGCGGTCTTCC
CGCGCTGCGTTGCGAAGCCTCAATGAACTTACTCTCATGCTCGCGGGCGCGCAGTTGGGAATCACCATG

GTGACTTTTCGCGTTGGGTGCTATCACGAAGCCGTGGGTTCATTATGCTTTGATGCCGCTCTTCGAATGG
GCGCGTATACCGCTGGTTATGGCAGATGTCATTGCGTTTATTTTGTGCTGTTTATCGTAACGTTTCTG
CACTTGGTCATCGGCGAAATGGCTCCGAAATCCTGGGCAATCGCGCATCCGGAGACGGCACTTCGAACT
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AGCGGAATTATCAAGCTGGATAAAATCACGGTCGGTCAAACCTGACCGCATCTCCATTTACGCACAGC
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GCCCCCTCCCACCTTTTCCACACGTCATTTCATGTGCGAGACACCCTTGGTGCCTCGCCAGACGAGAAG
GCTTCGAAGTGGTCTCGCCCAATCCTCACCGTTGCTGAGACCGACACGTTACACCAAGCGCTGGAATAC
ATGCGGGAGCATAACGAGCAGATCAGTGCAGTGTCTTCCGCTGATGGGAAAACGGTGCTTGGTGTAATA
ACTTGGGATCACATCTTGAATACCTGTGGCCTGCATCGGTG
RXC01306 - 3'-Region
TAGCTAATTTGAGGTGCGCTGAA

>RXC01366 - 5'-Region
ATGCATGAAAACAAATTCTATGTGTGTTGAGCTGCCAAAAGGGGTGGCGCGCCGATGATGACTGTCCA
AACCTAAACCAAAGGTCTAAACTTTGGCTTC

>RXC01366 - coding Region
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TATTCGGATTCCACTGCGGTGGTTGGTCCTTTGGCGCCTGCAGCAGAGCCCCATAGTTGGGATCTGTGT
GAGCATCATGCCGAGCGTATTACTGCGCCCCCTGGTTGGGAGATGCTGCGGGTGAACGACATCAAAGTC
GATGACGATGAGGATCTGACGGCTCTTGCTCAGGCTGTTTCGTGAGGCTGGACGCACTGTGAGTGGTCTG
GTTCTTGAAGACGAAGTGGGCGGCAACCATCCGGTGAACCGGAGTGCGCGGATCGCGGAACAGAAGGTT
CACCGCAGGGGTCTCTCTATGTTGTGCCTGATCAGGACGAATCA

>RXC01366 - 3'-Region
TAAGGTTTGCTATTTCGGATTGGA

>RXC01372 - coding Region
CAGGACACCTTCGTCCTTCCCACCTTGCCACGGCCGAGGCTTGTGCGCTGCCCGCATCGTGCGCTCG
ATAAGCACTCTTTTAGATCTTTTAGAAGCAGACCCCAGCATTATTTCCGACCGCTTGAACACCTCGCC
GACTGCATTGATGAGGAAGTGAATCGCTATCGCCGGAACGTGACGAACTAGTCAATCCCGGCCGAAAA
CTGCGCGCATACGTAGATCACGCACGGATCGTGCATACCGGCCGAACTGATGTGGGACTCGCGATTGCC
AACGTTATCGCCCCAATCTGGACCCGACGAGGCTGGTATCAGCCGTGCTGGATTTTCCCGAGCTCATG
GAATCATTGCCGGAACCTCCGCGGACCCGAGCCAATTACCGACGATATATTCCATGACCCATTTCATAGAT
GACGAACCCGGGGTGGTACCGTTTAGGGCTGTTGTCTGGGCGGAAGAGGAACCCGGAATCCCCGATGCC
ATGGCGCAAAGCTGCGACGGACCTAGCAAAGGGGCGCTGACACAAGCACTGCGTTTGTGCTGGTGCAGGGA
CAGTCAGCCACGACCTATTCCATTGAAGAAAAGGACTTG

>RXC01372 - 3'-Region
TAAATGGAGCTATTGGAAGGCTC

>RXC01659 - 5'-Region
TTGATGCGCGCCGCGGTGAGCAGCCTGCCGATCCAGAGCGTGAAGAATCTGATGATTTAGTCGAGATTG
ATACCGTCTCTGGATTCCGCCTGCTCAGTAC

>RXC01659 - coding Region
GTGGCGGGGGTTGCGCAGCGTTTTGTGACGAGCGCATTCACGTCGGTTTGGATTCCATGCCAGAAGCT
GTGACTGCTGTGTGGATGGAATCTGATTGGGTGTTGGCGGAAACCATCAAGGGTTCCACGCCTTCCGAT
TGGGAAGAGATTTTGGCGCCGTTGGCGCTGCTCACGGACGCGTCTTTCACGTTGCCACCTCGTTCCACG
CGTGCGCAAACCTTGGATTTGAAGCATTGGAACCAAGCCGTCTGAAGCCGGAGCAGCCAGAAAAGCCA
GCGTTTACTCCCAATGCTTCGGAAGAAGATTTGTCTCAGCCGTGGTGATCCGCCCCGAGGAGCCGTTG
CAGATGCCGGTTCGCGGTGTGCAGGAAAGCCGCGGAGTGGTTCGAGCCACGGTCATTGGGTGCGGATGAT
GTGGAGTTCGATTGCGGAGGGCGATCCAGAGCGTCCGAGCGATCTTTATGGCACGCGTGTGCTGCGTGAT
CTCAATGGTCAGTCCAGTATTTTCCAAGATTCCACCGACGCGGATGAGCCACCAAAAAAGTGG

>RXC01659 - 3'-Region
TAGAAAACCTGGTGTTCGCGCC

>RXC01663 - 5'-Region

TATTTTGTCTGGTTGGTTCACAGTGGAGCGCTAACCCCGAGAATCCTATCGAGGCCTAAAATCGTGGCTTG
AGTACGCACTGCCAGTAAGGTGTGTGATGTG

>RXC01663 - coding Region

ATGGAAATAAGTGTCTTGATCATCGCCGCACTGATCTTGGTGGCAGGCATCGTACTGTGGCGCGCGGAC
TCGTCTAAACAGGCAGCTAAAAAGGCTGAATCACCTGTGGGCTCAGTCGCACCTGCGCCCGTGTGGTT
GAAGAAGAGCCGACCTGAGTTTGAGCCAGAAGTGGACCTGAACCAGAAGCGCAACCAGAACCAGAG
CTGGAAGTTGCGCCTAGATTTGCGCCAGAACCAGTTCAGATCTTGAGCCGGATCAGGCTGAGGACATT
TATTTTGATGATTCCCCTGAATCGATGCTGATGTTGAAAATGCCTTGGCTGAGCTTACTGAGGTAGAA
GACTACCCGGAAGAGCCAGTGCAGTCTGAGCAACCTCAAGCCCCCTGCCACGGCGGAGGTAGCTGCGGAC
GAGGAGCAACGGGGCGTCGATAAGCATTTCGTTTTTGGAGCTCTTTCCTGGTTTCGACGCGCCGGAGCGC
CGAACTGGGCGGCGAAGCACCCTTCGATTTTCATCAAGGAAGATGCCTTTTTCACCGATGAATGGTCA
AGGGGTGCGGCATCGACTGGTGGCGTTGCACGTGATGTGGTTCAGTGGCATGGCTGAAGGATATGAAACG
CATCTGGTGGATTTGGCGGGCGTGCCCGTGATGGCGATGCGCCGTGGAATTACCTCTGACGTGGTCATT
GATGCGCGCCGCGGTGAGCAGCCTGCCGATCCAGAGCGTGAAGAATCTGATGATTTAGTCGAGATTGAT
ACCGTCTCTGGATTCCGCCTGCTCAGTACGTGGCGGGGGTTGCGCAGCGTTTTGTGACGAGCGCATTC
ACGTCGGTTTTGGATTCCATGCCAGAAGCTG

>RXC01663 - 3'-Region

TGACTGCTGTGTGGATGGAATCT

>RXC01693 - 5'-Region

AGGAGACTGGCTGGATTATTGGCTGGTTTTCTTGGGAAATCGTCATGGGCATTAATCCTAGTCCCAACA
ATTGCCAGAACCCTGAACACTAGGCTTGAACC

>RXC01693 - coding Region

ATGAATACTGCACCTTTCAAACCTCGAAGCTGACTTCGCATCAGCCCTGCCACCATGGCAGCCCCCTGG
CAAGGTGAGGAAGCCCCCAACCCTGAGCTCGTGATTTTAAATGACGACCTCGCCTACAGCCTCGGGCTT
GATCCGACATGGCTTCGCACACCTGAGGGCGTTCAATTTCTTCTCGGACTCAACCCCGAGCCCTTAACA
AAAGCAGTTGCGCAGGCCTATTCCGGCCACCAATTCGGACAGTTTGTGGCAAGCCTTGGTGATGGCCGA
GCGCTTCTTCTCGGCGAAGCCCGCTCAGCTGACGGCGTACTGCATGATATCCACCTCAAAGGATCTGGA
CGAACCCTAATTTCTCCGAGGAGCCGATGGACGCGCGTCTTGGCCCCGTCTTACGCGAATACATCATC
TCCGAAGCGATGCATGCACCTGGTGTTCCCAACCACAGGTCACTTGCAGTAATTAGCACCGGTAGGAAA
ATCCAACGAGGAAGCGTAGCCCCAGGCGCAGTCTTGTTCGAGTAGCAACCAGCCTCATTTCGAGTCGGA
TCCTTCCAATACTCCAACATCTCTGGTGGCATCGAATATCTCAACACCTGGCGAATATACGATCACC
AGGCATTTCCCTTCGTTGGTAGCTGAATATCCGCACCAACCCCGCAACTTATGTATCACTGTTTAAA
GCGATTTCTCAGCGCCAAGCAGACACCGTTGGAAAATGGACCAGGCTGGGTTTCGTTTCACGGAGCCCTC
AACACAGACAACACGTTGATATCCGGAGAACTGTTGACTACGGCCCATGCGCTTTCATGGAGCGCTAC
CGTGCGGACGCGAAATTTAGCTCCATCGACACTTATGGTTCGTACAAATTTGAAAACCAACCTATGATC
CTCGGATGGAACATGGCCCGCTCGTAGAAACCTCCTCCCACTCCTGGGCGCCACACAGACGAAGGC
ATGACAGCAGCCCAAGAAGCTCTCGTAGAATTCGATGACCTCTGCGAACAAGCAATCCGAAAAGAATTC
GCCACTGCACTGGGCCTTGACGAGTCAGACACCGGCACGGTAGAGCAGTTCCGTGAATGCTCTACCTC
CATAACCCCGACATCACCACGCTGCTGCGCGCACTCACCGACAACACCGCACCACCGAGTGGCTTTGAA
GCATTGTTTCAGACTGGAAGACCAAGACCCAGATATCGAAGCAATGCGAGCAGTAAATCCACTTTTC
ATTCCACGCAATCACCTCGTGGAAGCTGCTCTCGCAGACGCAAGTTGAAGGGAATCTAGAAAAGTTCCAC
GAACTCCTCGCTGCTGTACCAATCCTTTTGATCCAACCTGCGGGCCCCGATGAACTACGCCTGCCAAGC
GAAGAAGGATTTGAAGAAGACTACATGACCTTCTGCGGTACC

>RXC01693 - 3'-Region

TAGGACAGATGGTGGGGCAGACG

>RXC01703 - 5'-Region

GTTAGACAAATGGGTAAACAGAGCTGACCTAGCGGAATCCGCCATCAACGAAAGGCATTCCGCGAGGGT
TTGGGGTCTGCCTCGAACAATCTTGGGTTT

>RXC01703 - coding Region

GTGGCATGGCCATCCAACGCCAAAGAAAACTGTTTTATCCACTGGCACTACTGGTGGCAAGCGCATTAT
CTAGACTGCCTGGTGGATGCTGCTCGTCGACGACCAACAAAGGCCGTGCGACCGCATCAGGGACACC
ATCCGCGGCATTTCCGTGCGCAATGTGGGCAAGCTGACCTCGAATCGTTATTACGACGACAAAGCTTGG
CTGGCCCTTGCTCTTGGGCGTGCCGGAAGGTGCGCAACCAAAATCATTGCCCTCGTTG

GAACAAAACATCGTCGATGGCATTGATTCCCTTACTGGTGTGCTGCCGTGGCGTTCCGGCGAAACCTTC
TACAACGTTCCCTCCAACGGTCCTGCTGCGATCATGATGGCCCGCACCGACCGTTTGGACGAGGCTATG
AAAATCACCGATTGGATTTTTGACAACCTGATCGATGGCGACGGCCTTGTGATGGACGGATTGCGCATG
CGCATGCACGGACCTGAGCTTGTCCGTTCCATCCACCCGATTGCCAAGGTGTCGCCATTGGTGCGTGT
TTGGAAATTGCTCTCAAACCTGCGTGAGCGCGCAGGCTTGACCACTACTGTGGTGGATCACTGGTCGGAT
GCCGATAAGGCAGAAGACTCCCTCAAATACTTTGCACACATCCACGCTGTGGTTTACGGCTGTGTGCGGG
AAGATGACCAACTTCCACGGCGTTATTGATTGGGACACCGGTGACGGCGACGGCGGTTTGTTCAGGGC
ATTTTGGTCCGCTATTTAGCTGATGTGGCCATCCGCCTGCCTGACGATTACCAACCAACCGGGAAACC
AAAAAGATTGCAGCAGCCTGGTACTGGAATCGGCGGAAAGCGTATGGAACCACCGATTGGAAGTTGAT
GGCCTTCCGGTATTCGCCACAGACTGGACAACGGATGCACGCCTGCCACAAAACCTTTGGTTTGGATTCC
TCTAGTTTGGAGCGATCTGGTGAGTGTGTGCGCGTGGATGAACGTGATCTGTCCGTGCAATTGTCCGGT
TGGATGCTCATGGAAGCAGCAGCGAAAGTGGCCGAAGAACTGGAACAACGGCAATAGTTACACCGGT
CGTCCCCGA

>RXC01703 - 3'-Region
TAGCCCCGATAGTGTATGTGCTG

>RXC02254 - coding Region
ATCGCCGTTGCCGAAGAAGGCGGATTGTGGGAAAACCTCCTGCAGCACCGCTTCGGTGGACATGGTGCG
CTAGCTGGTCACGCCTTGGGAAACCTCGTGATCGCGGCGTTGACCGACATTTTGGGCACCTCCCAGCAT
GCGCTTGATCAAATCGCTCAACTCGCTGGAGCCAAAGGACGCATCATCCCGGTATGTGCTGAACCTTTG
GATCTTGAAGCGGAAGTATCAGGTCTAGACTCTGATGCTCGAGTCATGCGTCAAGTTCGTGGTCAAGTG
GCGGTAGCTGCAACCCCGGGCAGGTGCGACGCGTTTCAATCATTCCGGACAATCCAGAACCGAACCC
GCTGCCATCGAGGCCATTCTCGATGCAGATTTGGTCACCCCTTGGCCAGGTTCTCTGGTTCTCTCTGTG
ATTCCACACATTTTGGTCCCAGGGATCGTTGATGCCTTGGCGCAGACAAAAGCAACCAAAACCGTGGTG
TTAAACCTGACGTCAGCCAGGGGAGACCGCGGGATTCTCTGCAGAACGACACATCCATGTGCTCCGC
CAGCATGCTCGAAACCTTCAGGTTGACCAAGTCATTGTGATGCCAAGACACTGTCCTCACAACCGGAA
CGCAATCATGTAGAACGAGCTGCTCGCACCCCTTGGTGCAGAAAGTCTCCTTCCATGATGTCCAGGCTGAA
GATGGCCGTGGTTCGATTACACAGTATTACGATCCAGCAAAGCTGTGTGCAGCGTTGCTGGCAAGTTTT
GCTGGAGCACGAAAGCGT

RXC02254 - 3'-Region
TAAGGAGTAGGCGTGTCACTGAC

RXC02255 - 5'-Region
GTGTGCAGCGTTGCTGGCAAGTTTTGCTGGAGCACGAAAGCGTTAAGGAGTAGGCGTGTCACTGACGAG
TGATATCAAACAAGAATTGGCGCAGGTCCAT

RXC02255 - coding Region
GTGGCCAAAAACAGTGTTCGTGCTGCGGAAGTGTCTGCAATTTTAAGTTTGTGCTGGTGGATGCAAGCT
GTCGGCGGCAAGCTGGTCATCGAAGCAAATTTGGACAGCATGCAAGTCGGTATGAGGCTTCAGGAGTTT
ATCCAAGGTTTGTACAACCTCTCGAGTCGATGTGCACACCGTGAACCCGACTGTGAGCAGGAAAACGCCA
CGGTATTTGGTGCATCATTGACAATGCCGATGAAATTGCGCGACGCACCGGACTGGTCACCAGGTCT
GGACATGTGGTTAAAGGTCTAGCGCCTTCTGTGGTCAGCGGAACAATCAGTGACGCTGAAGCTGCATGG
CGCGGTGCGTTTCTAGCCAATGGATCTTTAAGTGATCCAGGTCGTTCTCTCTGCTGGAGGTGTTGTGT
CCTGGTCAAGAATCAGCATTGGCACTGGTTGGATGTGCGCGAAGAATTGGGATCGCGGCGAAAACGAAA
GATTCTCGAGGATTTGATCGCGTCAATGTTCTGTGATGCGGAAGCAATTGGGGCACTGCTCACTCGAATG
GGTGCCCAAGAACTCGCATGTTGTGGGAAGAAAACGCATCAAGCGGGAAGTCAAGTCCGCAAAAC
GGTTGGCCAACCTTCGACGATGCCAATCTGCGCAGGTGAGCCCGAGCAGAGTTGCCGCTGCAGCGAGG
GTAGAACGCGCCATGAAGATTCTTGGTGATGATGTTCTGAGCATTTGGCTGAGGCTGGACAGCTGCGT
GTGCAGCACCGTCAGGCATCGTTGGAGGAGTTGGGCCGTTGGCTGATCCTCAAATGACCAAGGATGCT
GTGGCCGGTTCGATTCTGCTGCTTTTTGACGATGGCAGATAAGCGCGCCGAAGATCTGAAGATTCTGAT
ACAAATTCTGTTGTGACGGAAGATTTGTTGGAAGAAATT

RXC02255 - 3'-Region
TAGATGATTGAAGCCTAAAAACG

RXC02435 - 5'-Region
TCATGAATGTAGAACGGATTATCGACAAGCGCCAGCAAGTACGTTGATCTCTTTAGCCATCATCGCTG
TGTACGCAGTGCGGCCATTCAATCGAGATCA

RXC02435 - coding Region

GTGACAGACAACCTGGGTTCAACCAGTATCGGTGACGCGTGGATTCTGTACGCACCGCTGATGGATGAT
GGTGGCTTTGGTCCACTGCGTGCCATCGGAGGAATGTTCTGCACATTGGCCCCGGGCACATGCTGTTG
AACCTTGTGTTGTTGTGGTTGCTGGGAAGAGAAAATTGAACGAGACTTCGGTTCTGCGCTTTTCACTGCG
ATGTACTTTGTGGGCGGTATTGGTGGCTCTGCAGCTGTCATCTGGATGGATCCCTATTACCGACAGCA
GGTGCTTCCGGCGCCATTTACGCCATGATGGCTATTTTGGTGGGGCTTTTGTGTTAAGAAGCGCGGAT
ATCCGAGCACCTTGATCCTTATCGCCATCAACATCGCCTATACCTTGATGTCCACCAATGTTTCTCTG
TGGGGACACCTTGAGGTTTGTACTGGAGCTTTAATTACTTGGCCAATGGTTAAAGCGAAAACCTCAA
AGAACACGGTGGATTATCGTGCTCATTGGTTTTGCTGTAGTTGTGGCTGCTGTATTCTAGGAATTGAC
CGGGTG

RXC02435 - 3'-Region

TAGAACACATTCGGCCCATTGCCC

RXC03216 - 5'-Region

GCTGTATCACAGTCAGTGCAGCAGGTGGCGAAACCGTTGCGGTCCCAGCGGCTGCTCTGATCCCTGCA
AACAAC TAGAAACTATTTCAGAAAGCATCACC

RXC03216 - coding Region

ATGAAACTCGGTCTCTACAACGCGATCTTCCACGACCGCACCCCTGCCAGAAGCGCTCGCAGCCATCAAA
GCTGCAGGTCTCACCGGAATTGAACTCAACACCGGCGGATTTTTGCCTGCAACCCACATCCCGACCATC
GATGACATCCTGGTCAGCGATGATGCCCCGCGATGAATTCCTCGGGATTTTCGAAGGCACCGGCGTCGAC
ATCTACGGCCTTAAGTGCACGGCAACCCGCTTCACCCCAACAAGGCGATCGGGGACAAGCATGCCGAA
GACATTCGACGTTCCATCCGCCTCGCAGAGCGCCTCGGCCAAAACCGTGTGGTCACCATGTCTGGTCTT
CCTGGTGGCGAACCAGGCGCGAAGTACACCAACTGGGTGTCAACGCGTGGAACCTCCGCAGCCTTGGAT
GTCCTTGATTACCAATGGGATATCGCAGCTGAATTCTGGCGCGAGACCGACCGCTTCGCCGCAGATCAC
GGCGTGAAAGTGGCTCTTGAGCTGCACCCACAGAACATCGTGTTCAACTCCGCTGACGTGCATAAGCTC
ATCGATCTCACCGGCGCCACCCACGTGGGCGTCGAACTGGATGCATCACACCTGTTCTGGCAGCAGATG
GACCCAATCGCTGTGATTGATCACCTCGGCGAGCTCATCTTCCACGCGCCGCCAAAGACGTGCGAGTT
AATAAGGAATGGGCTCAGCTCAACGGTGTGCTGGACAACAGCTTCCGACGCCTTGACCCATCCGAAAAC
CGCACCAACTTGGGCGGCGACGAGTGGGCGAATGAATGGCCAAAGAACTCTGCTTGGGATTTGCTTGCT
CTGGGCGCGGTGATGACGTTGCTTACTGGACCGAATTCCTCCGCGCACTTCACCGCGTCGATCCAAAC
ATGCTGGTCAACATCGAACACGAGGATGTTTCACTCGGTCGCGAAGAAGGCGTCAACGAAGCCGCTAAG
GTGCTGATCGAGGCCAACAAGGCACTCGAAGAGTCCCTGGTTTTCT

RXC03216 - 3'-Region

TAAAAAACTACGCCTGCCCCGCAACGCTT